



SEQUENCE LISTING

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<120> HLA Binding Peptides and Their Uses

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<141> 1998-11-10

<150> US 08/205,713
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<400> 335
Ser Pro Tyr Val Ser Arg Leu Ile
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Val Pro Ile Lys Trp Met Ala Ile
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Arg Pro Arg Phe Arg Glu Leu Ile
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Ala Pro Gly Ala Gly Gly Met Ile
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<210> 339
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Ser Pro Gln Gly Ala Ser Ser Ile
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Tyr Pro Leu Trp Ser Gln Ser Ile
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<210> 342
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Ser Pro Leu Pro Ser Gln Ala Ile
1 5

<210> 343
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<220>
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Met Pro Glu Ala Ala Pro Pro Ile
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<210> 344
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<220>
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<210> 345
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<220>
<223> CEA.155.I9 peptide 45.0051

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Lys Pro Val Glu Asp Lys Asp Ala Ile
1 5

<210> 346
<211> 9
<212> PRT
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<220>
<223> CEA.632.I9 peptide 45.0054

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Ile Pro Gln Gln His Thr Gln Val Ile
1 5

<210> 347
<211> 9
<212> PRT
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<220>
<223> p53.70.I9 peptide 45.0060

<400> 347
Ala Pro Pro Val Ala Pro Ala Pro Ile
1 5

<210> 348
<211> 9

<212> PRT
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<220>
<223> p53.76.I9 peptide 45.0062

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1 5

<210> 349
<211> 9
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<220>
<223> p53.152.I9 peptide 45.0064

<400> 349
Pro Pro Gly Thr Arg Val Arg Ala Ile
1 5

<210> 350
<211> 9
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<220>
<223> p53.189.I9 peptide 45.0065

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Ala Pro Pro Gln His Leu Ile Arg Ile
1 5

<210> 351
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<212> PRT
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<220>
<223> CEA.632.I10 peptide 45.0071

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1 5 10

<210> 352
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<400> 352
Ser Pro Gly Leu Ser Ala Gly Ala Thr Ile
1 5 10

<210> 353
<211> 10
<212> PRT
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<220>
<223> Her2/neu.196.I10 peptide 45.0073

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Ser Pro Met Cys Lys Gly Ser Arg Cys Ile
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<210> 354
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<210> 355
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Cys Pro Leu His Asn Gln Glu Val Thr Ile
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<210> 356
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<400> 356
Lys Pro Asp Leu Ser Tyr Met Pro Ile Ile
1 5 10

<210> 357
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<220>
<223> Her2/neu.701.I10 peptide 45.0080

<400> 357
Thr Pro Ser Gly Ala Met Pro Asn Gln Ile
1 5 10

<210> 358
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<212> PRT
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Gly Pro Ala Ser Pro Leu Asp Ser Thr Ile
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<210> 359
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<220>
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<400> 359
Ala Pro Pro Val Ala Pro Ala Pro Ala Ile
1 5 10

<210> 360
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<220>
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<210> 361
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<220>
<223> p53.79.I10 peptide 45.0093

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<220>
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Ala Pro Ser Trp Pro Leu Ser Ser Ser Ile
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<210> 363
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<210> 364
<211> 11
<212> PRT
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<220>
<223> CEA.421.I11 peptide 45.0108

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Ser Pro Ser Tyr Thr Tyr Tyr Arg Pro Gly Ile
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<210> 365
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<220>
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<210> 366
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<220>
<223> Her2/neu.649.I11 peptide 45.0118

<400> 366
Ser Pro Leu Thr Ser Ile Ile Ser Ala Val Ile
1 5 10

<210> 367
<211> 11

<212> PRT
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<220>
<223> Her2/neu.740.I11 peptide 45.0119

<400> 367
Ile Pro Asp Gly Glu Asn Val Lys Ile Pro Ile
1 5 10

<210> 368
<211> 11
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<400> 368
Ser Pro Leu Asp Ser Thr Phe Tyr Arg Ser Ile
1 5 10

<210> 369
<211> 11
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<220>
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<400> 369
Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Ile
1 5 10

<210> 370
<211> 11
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His Pro Arg Lys Leu Leu Met Gln Asp Leu Ile
1 5 10

<210> 371
<211> 11
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<220>
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Gly Pro Arg Ala Leu Ile Glu Thr Ser Tyr Ile
1 5 10

<210> 372
<211> 11
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<220>
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<400> 372
Gly Pro Arg Ala Leu Val Glu Thr Ser Tyr Ile
1 5 10

<210> 373
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<220>
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<400> 373
Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Ile
1 5 10

<210> 374
<211> 11
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<220>
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<210> 375
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<400> 375
Phe Pro His Cys Leu Ala Phe Ala Tyr
1 5

<210> 376
<211> 9
<212> PRT
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<220>
<223> HBV POL 541 analog peptide 1145.09

<400> 376
Phe Pro Val Cys Leu Ala Phe Ser Tyr
1 5

<210> 377
<211> 11
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<220>
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<400> 377
Tyr Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile
1 5 10

<210> 378
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HLA-A3,2 allele-specific motif

<220>
<221> VARIANT
<222> (1)...(10)
<223> Xaa at location 1 is any amino acid;
Xaa at location 2 is V, L, or M;
Xaa at location 3 is Y or D;
Xaa at location 4 is any amino acid;
<220>
<223> Xaa at location 5 is any amino acid;
Xaa at location 6 is any amino acid;
Xaa at location 8 is Q or N

<400> 378
Xaa Xaa Xaa Xaa Xaa Xaa Ile Xaa Lys Lys
1 5 10

<210> 379
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HLA-A11 allele-specific motif

<220>
<221> VARIANT
<222> (1)...(10)
<223> Xaa at location 1 is any amino acid;
Xaa at location 2 is T or V;
Xaa at location 3 is M or F;
Xaa at location 4 is any amino acid;

<220>
<223> Xaa at location 5 is any amino acid;
Xaa at location 6 is any amino acid;
Xaa at location 7 is any amino acid

<400> 379
Xaa Xaa Xaa Xaa Xaa Xaa Gln Lys Lys
1 5 10

<210> 380
<211> 10
<212> PRT
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<220>
<223> HLA-A24.1 allele-specific motif

<220>
<221> VARIANT
<222> (1)...(10)
<223> Xaa at location 1 is any amino acid;
Xaa at location 3 is I or M;
Xaa at location 4 is D, E, G K or P;
Xaa at location 5 is L, M or N ;
<220>
<223> Xaa at location 7 is N or V;
Xaa at location 8 is A, E, K, Q or S;
Xaa at location 9 is F or L;
Xaa at location 10 is F or A

<400> 380
Xaa Tyr Xaa Xaa Xaa Val Xaa Xaa Xaa Xaa
1 5 10